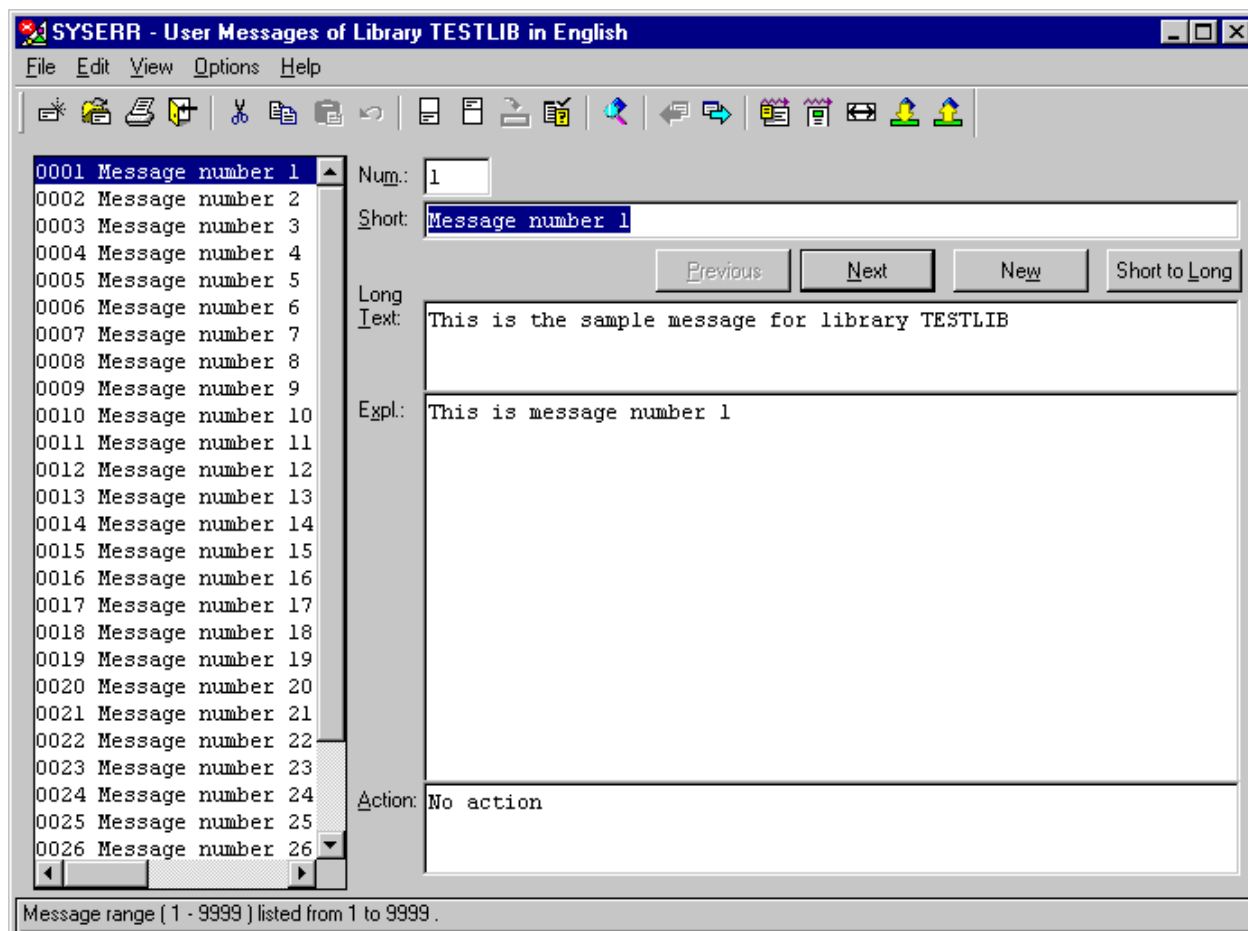


Window Elements - Windows only

From the SYSERR window, you can invoke all commands and functions available for message maintenance:



The window contains two panes. To modify the size of the window, move the mouse pointer over the right border until two arrows point in opposite directions. Then, drag the border using the mouse until the window has the desired size.

There are context menus available for several dialog elements. A context menu is displayed by right clicking the dialog element. The available commands are either Cut and Paste functions or correspond to the commands in the menu or to push buttons.

As an alternative to the menus and the push buttons, most of the SYSERR functions and commands can be executed with the buttons of the toolbar.

This section covers the following topics:

- Title Bar
- Push Buttons
- Menu Bar
- Toolbar
- List Box
- Fields

Title Bar

The title bar displays the

- Message type
(Natural system or user-defined)
- Selected library
For Natural system messages, no library is displayed.
- Selected language
For more information, see the system variable *LANGUAGE in the Natural Reference documentation.

Push Buttons

The following commands can be executed using push buttons:

Command	Explanation
Copy	Only visible if a sample message exists. If activated, the text of the sample message is copied into the Short field of the message. See also Fields below.
Previous / OK	<p>Toggles between Previous and OK, depending on the status of the current message:</p> <p>OK Saves the current message to the message file after modification.</p> <p>Previous Scrolls from the current message to the previous message if no modification was made.</p> <p>Note: You can only save a message if text was entered in the Short text field. See also Fields below.</p>
Cancel / Next	<p>Toggles between Cancel and Next, depending on the status of the current message:</p> <p>Cancel Cancels modifications made to the current message and displays the original message.</p> <p>Next Scrolls from the current message to the next message if no modification was made.</p>
New	<p>Searches for the next free message number starting from the current message. Free means that this message number is available and has not yet been assigned to a message file in any language.</p> <p>The direction of search is downwards by default, but depends on the last search specification (perhaps upwards) executed with the New Message command of the Edit menu.</p>
Short to Long	Copies the text of the Short field to the first line of the Long Text field.

Menu Bar

The commands available with the SYSERR menu are described below. Some menu items are used to switch between modes or set a status. The check mark next to a menu item indicates which mode or status is active.

Below is information on:

- File Menu
- Edit Menu
- View Menu

- Options Menu
- Help Menu

File Menu

Command	Explanation
New Lib/Lang	Selects a new library and/or a new language. A dialog prompts you for input. Only libraries and languages are displayed for which no message file exists. After you have made your selection, an empty SYSERR window appears, in which you can enter a new message.
Open Lib/Lang	Selects another library and/or another language. A dialog prompts you for input. Only libraries and languages are displayed for which messages already exist. After you have made your selection, you can modify the existing messages or add new ones.
Open File	This function does not apply if you wish to access data on mainframe servers. Selects an existing message file from the Natural file tree (FNAT, FUSER or Natural system) or from another directory. See also the section Message and Text Files.
Print	Invokes the print function. A dialog box prompts you to enter the error numbers, mark the Long Text print-out option, specify layout parameters and select the output device (printer or source area). The initial assignment is the default printer set by Windows. See also how to print all Natural system messages below.
Exit	Exits SYSERR.

To print all Natural system messages

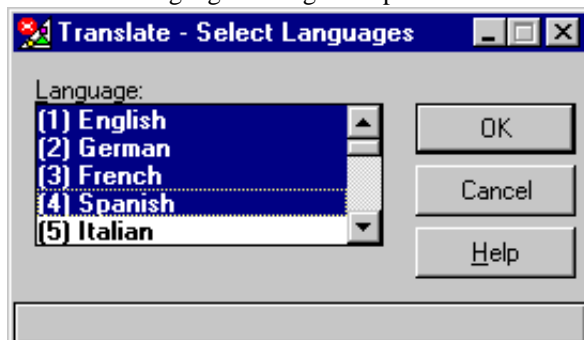
1. Select library "<natsys>" or leave the field blank.
2. Select language English or German.
3. From the File menu, choose Print :
Specify the options provided, and leave the default values for the message range (1-9999).
4. Choose OK.

Edit Menu

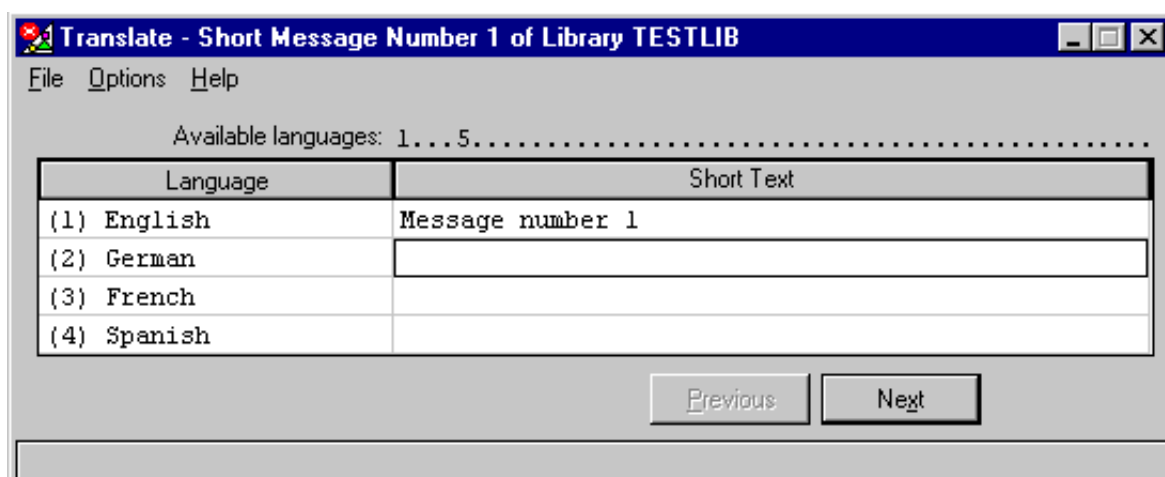
Command	Explanation
Cut	Supported clipboard functions.
Copy	
Paste	
Undo	Standard edit functions.
Delete	
New Message	Searches for the next free message number, for which no other message exists in any language. Upwards/Downwards: the next lower/higher message number from the current message.
Delete Selected	Removes all messages selected (highlighted) in the list box. A dialog box prompts you to confirm the action.
Delete All	Removes all messages displayed in the list box. A dialog box prompts you to confirm the action. When all messages of a message file have been deleted, the message file is deleted too.
Read All	Reads all messages from a message file into the list box in one step. This command applies to message files with more than 200 messages. Otherwise, for performance reasons, only 200 messages are read by default when the SYSERR window is started. Additional messages can be displayed scrolling down the list box to the end or using the Read All command.
Translate	Supports the creation of error messages for different languages. Applies to short messages only. See To translate languages below.

► **To translate languages**

1. From the Edit menu, choose Translate.
The Select Languages dialog box opens:



2. Select one language or more into which you wish to translate the current message and choose OK.
3. Another dialog box opens:



Command/Fields	Explanation
Select Languages (Options menu)	Invokes the Select Languages item from of the Options menu to add additional languages unless selected earlier, during Step 1 above.
Available Languages	The language code(s) of the language(s) already available for the current message number.
Language	Code and language of the new language selected.
Short Text	The text of the short message.
Previous/OK	Same as described for Previous/OK under Push Buttons.
Cancel/Next	Same as described for Cancel/Next under Push Buttons.
Help	Display SYSERR help text.

4. Enter the translation in the Short Text field of the relevant language.
5. Choose OK.
The language code of the new language appears under Available Languages.

The language of the current short message (in the example above English) is always listed in the first position of the translation dialog.

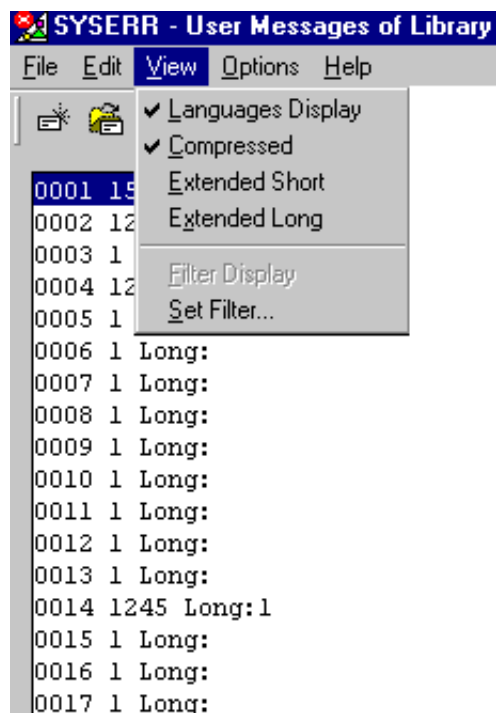
View Menu

Command	Explanation
Languages Display	Enables/disables the Languages Display. The Languages Display gives an overview of all available languages for one message number. Default is the Compressed display as described below.
Compressed	Applies to the Languages Display command. See Compressed below.
Extended Short	Applies to the Languages Display command. Enables/disables the code display of languages in which the short texts exist next to the error number.
Extended Long	Applies to the Languages Display command. Enables/disables the code display of languages in which the long texts exist next to the error number.
Filter Display	Applies to the Set Filter function described under To activate the Set Filter function. Enables/disables the display of short messages that match the scan criteria defined as filter values in the Set Filter dialog box.
Set Filter	Enables/disables the Set Filter function. Scans the short messages in conjunction with the Set Filter search criteria and displays the results in the list box. See To activate the Set Filter function.

Compressed

The Compressed view displays the code(s) of the language(s) in which the message exists

- next to the message number for short texts, and
- next to the Long column for long texts.



In the above example the short text for message number 14 exists in English = 1, German = 2, Spanish = 4, and Italian = 5. The long text for message number 14 exists in English = 1.

► **To activate the Set Filter function**

1. From the View menu, choose Set Filter.
A dialog box prompts you to enter the scan criteria:



The following options are provided:

Option	Function
Filter Values	There are four fields available to enter search criteria.
Or/And/Not	You can include the conditional operands OR (default), AND or NOT between the search items. If you only fill one of the Filter Value fields, the conditional operands are ignored.
Find Whole Words	By default, the scan is restricted to match entire words only and not parts of a search string.
Case Sensitive	If marked, the scan is restricted to words in lower and upper case.

In the example above, the search would be for the short message which contains both the words "buffer" and "pool". If the operand NOT were specified, then the search would find all messages which contain neither the word "buffer" nor the word "pool".

2. Enter the search criteria and choose OK.
The Set Filter function is enabled and the short messages matching the criteria are displayed in the list box.

To deactivate the Set Filter function, disable Filter Display from the View menu.

Options Menu

Command	Explanation
Sample	<p>Creates a sample message to be used as a master for creating short messages. If the string 0000 has been entered in the sample message, when copied, the string is replaced by the number of the new message.</p> <p>You can define one sample message for each language.</p>
Layout	See Layout below.
Shift Short Left	If enabled, automatically shifts the text of a short message to the left margin when adding a new message or choosing OK after modification.
Size	<p>Startup Resizes the dialog to the size it had at startup.</p> <p>Full List Box Resizes the dialog to display the short message in full length.</p>
Confirm Window	<p>Enables/disables a pop-up window to confirm:</p> <ul style="list-style-type: none"> • the new message number, • that the short text is copied to the first line of the Long Text field if "Short to Long" was chosen, • that the Sample text is copied to the Short Text field if Copy was chosen.
Import Text File	<p>This function does not apply if you wish to access data on mainframe servers.</p> <p>Imports a text file and converts it into a message file. Note that you always need to specify the full path of a file.</p> <p>For further information on file formats and how to recreate a text file, see Message and Text Files.</p> <p>From (text file) The name of the text file from which the message file will be generated.</p> <p>To (message file) The name of the message file into which the text file will be generated. Default is the full path name of the current library and message file.</p> <p>For user-defined messages, the file name must be <i>NnnAPMSL.MSG</i>. For Natural system messages, the file name must be <i>NnnLmmmm.MSG</i>.</p>

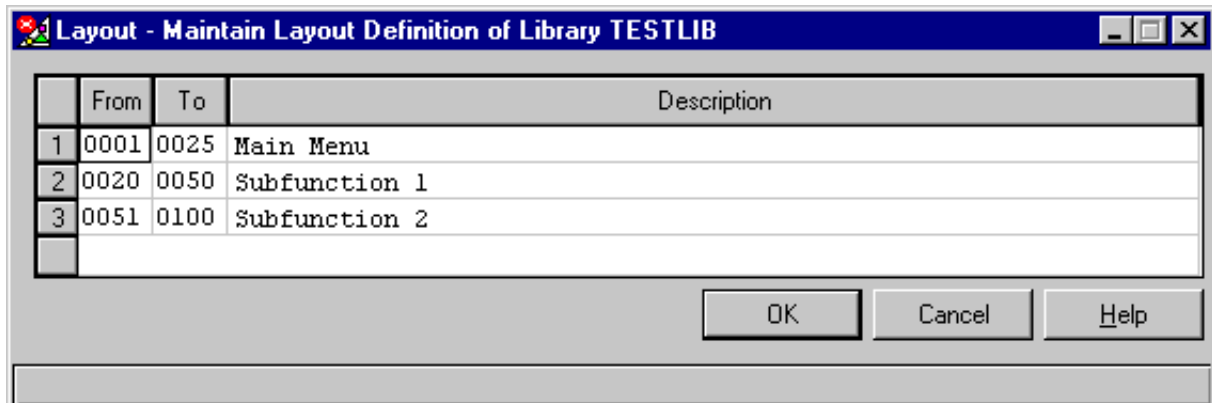
Command	Explanation						
Export Message File	<p>This function does not apply if you wish to access data on mainframe servers.</p> <p>Exports a message file and converts it into a text file. Note that you always need to specify the full path of a file.</p> <p>For further information on file formats and how to recreate a text file, see Message and Text Files.</p> <table><tr><td>From (message file)</td><td>The name of the message file, from which the text file will be generated. Default is the full path name of the current library and message file.</td></tr><tr><td></td><td>For user-defined messages, the file name must be <i>NnnAPMSL.MSG</i> For Natural system messages, the file name must be <i>NnnLmmmm.MSG</i>.</td></tr><tr><td>To (text file)</td><td>The name of the text file that will be generated.</td></tr></table>	From (message file)	The name of the message file, from which the text file will be generated. Default is the full path name of the current library and message file.		For user-defined messages, the file name must be <i>NnnAPMSL.MSG</i> For Natural system messages, the file name must be <i>NnnLmmmm.MSG</i> .	To (text file)	The name of the text file that will be generated.
From (message file)	The name of the message file, from which the text file will be generated. Default is the full path name of the current library and message file.						
	For user-defined messages, the file name must be <i>NnnAPMSL.MSG</i> For Natural system messages, the file name must be <i>NnnLmmmm.MSG</i> .						
To (text file)	The name of the text file that will be generated.						

Layout

Allows specification of valid message ranges to categorize messages. Overlapping of ranges is possible. A new message can only be added if its number is within the range defined in the layout.

The layout definition applies to **all** languages. It is stored in the English message file.

To insert or delete rows, mark a row and press the insert or delete key. If the maximum of 18 rows is displayed, you may have to delete or overwrite another row before you can insert a new one.



	From	To	Description
1	0001	0025	Main Menu
2	0020	0050	Subfunction 1
3	0051	0100	Subfunction 2























OK Cancel Help

Help Menu

Displays SYSERR help text.

Toolbar

The toolbar buttons represent the following menu commands or push buttons:

	New Library/Language (File menu)
	Open Library/Language (File menu)
	Print (File menu)
	Exit SYSERR (File menu)
	Cut (Edit menu)
	Copy (Edit menu)
	Paste (Edit menu)
	Undo (Edit menu)
	New Message upwards (Edit menu)
	New Message downwards (Edit menu)
	Read All (Edit menu)
	Translate (Edit menu)
	Filter Display (View menu)
	Previous (push button)
	Next (push button)
	OK (push button)
	Cancel (push button)
	Sample (Options menu)
	Layout (Options menu)
	Size Startup (Options menu)
	Import Text File (Options menu)
	Export Message File (Options menu)

List Box

The list box appears on the left side of the SYSERR window. It contains the short messages of one language for one library. The short texts are preceded by the message number. The messages are sorted by the message number in ascending order.

If a message file contains more than 200 messages, for performance reasons, not all messages are read in one step. When initializing the SYSERR window, up to 200 messages are read from the message file at once, and about 30 of them are displayed in the list box. Scrolling down the list with the vertical scroll bar, the next 200 messages are read and displayed as soon as the scroll bar reaches the bottom of the list box.

The command Read All as described in the section Menu Bar reads all remaining messages in one step.

The selected (highlighted) short message is the current message. It is displayed on the right side of the SYSERR window. There, you can modify the short and long text. See also Fields below.

Fields

The following fields appear in the SYSERR window:

Field	Explanation
Sam.	Output field displaying the text of a sample message if created. To create a sample message, see Sample in the section Menu Bar.
Num.	Modifiable field displaying the number of the current message. It corresponds to the selected message in the list box. It is possible to select another message number or to insert a new one. The maximum message number for a library is 9999. The message number 0000 is not allowed.
Short	Modifiable field displaying the short message text of the current message number. If you enter .C, the sample message for the selected language and library is copied into this field. See also Sample in the Menu Bar section. A new message can only be saved if text has been entered in the Short field. Therefore, if no text is displayed for the current message, the message number is free and can be assigned to a new message.
Long Text	Modifiable field displaying the long message text of the current message number. It consists of three sections: Long description Explanation Action